

Title (en)

HEAT ENGINE, AND METHOD FOR THE OPERATION THEREOF

Title (de)

WÄRMEKRAFTMASCHINE UND VERFAHREN ZUM BETREIBEN DERSELBEN

Title (fr)

MACHINE THERMIQUE ET PROCÉDÉ PERMETTANT DE LA FAIRE FONCTIONNER

Publication

EP 2326821 A2 20110601 (DE)

Application

EP 09740076 A 20090924

Priority

- EP 2009062396 W 20090924
- DE 102008048633 A 20080924
- DE 102008048641 A 20080924
- DE 102008048639 A 20080924

Abstract (en)

[origin: WO2010034780A2] A heat engine (1000) comprises a first volume (100) designed to be alternately heated and cooled, a second volume (200) designed to be alternately heated and cooled, a working medium (10) contained in the first and second volume (100, 200), and a fluid conduit (400) via which the first volume (100) and the second volume (200) are interconnected. A machine (300) that can be operated using the working medium is connected to the fluid conduit (400) between the first volume and the second volume (200). The heat engine (1000) is designed such that the working medium (10) is heated in the first volume (100) while being cooled in the second volume (200) in a first state, and the working medium (10) is cooled in the first volume (100) while being heated in the second volume (200) in a second state.

IPC 8 full level

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CPC (source: EP)

F02G 1/043 (2013.01); **F02G 1/047** (2013.01); **F02G 1/055** (2013.01); **F02G 2242/10** (2013.01)

Citation (search report)

See references of WO 2010034780A2

Citation (examination)

- JP S59119073 A 19840710 - TOSHIBA KK
- WO 2009138233 A2 20091119 - MASCH WERK MISSELHORN GMBH [DE], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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